

PCT REQUESTOriginal (for **SUBMISSION**)

0	For receiving Office use only	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form - PCT/RO/101 PCT Request	
0-4-1	Prepared Using	PCT-SAFE [EASY mode] Version 3.50 (Build 0002.162)
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	Indian Patent Office (RO/IN)
0-7	Applicant's or agent's file reference	Bisph_101
I	Title of Invention	A PROCESS FOR PREPARATION OF BISPHOSPHONIC ACID COMPOUNDS
II	Applicant	
II-1	This person is:	applicant only
II-2	Applicant for	all designated States except US
II-4	Name:	SUN PHARMACEUTICAL INDUSTRIES LIMITED
II-5	Address:	ACME PLAZA ANDHERI KURLA ROAD, ANDHERI (EAST) 400 059 MUMBAI, INDIA India
II-6	State of nationality	IN
II-7	State of residence	IN
II-8	Telephone No.	91 22 28230102
II-9	Facsimile No.	91 22 28212010

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III-1	Applicant and/or inventor	
III-1-1	This person is:	applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	PATEL, Vijaykumar Muljibhai
III-1-5	Address:	SUN PHARMA ADVANCED RESEARCH CENTRE AKOTA ROAD, AKOTA 390020 BARODA, INDIA India
III-1-6	State of nationality	IN
III-1-7	State of residence	IN
III-2	Applicant and/or inventor	
III-2-1	This person is:	applicant and inventor
III-2-2	Applicant for	US only
III-2-4	Name (LAST, First)	CHITTURI, Trinadha Rao
III-2-5	Address:	SUN PHARMA ADVANCED RESEARCH CENTRE AKOTA ROAD, AKOTA 390020 BARODA, INDIA India
III-2-6	State of nationality	IN
III-2-7	State of residence	IN
III-3	Applicant and/or inventor	
III-3-1	This person is:	applicant and inventor
III-3-2	Applicant for	US only
III-3-4	Name (LAST, First)	THENNATI, Rajamannar
III-3-5	Address:	SUN PHARMA ADVANCED RESEARCH CENTRE AKOTA ROAD, AKOTA 390020 BARODA, INDIA India
III-3-6	State of nationality	IN
III-3-7	State of residence	IN

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IV-1	Agent or common representative; or address for correspondence No agent or common representative is/ has been appointed; the following special address should be used as: Name (LAST, First) Address:	address for correspondence SHRIVASTAVA, Ratnesh SUN PHARMACEUTICAL INDUSTRIES LIMITED, ACME PLAZA ANDHERI KURLA ROAD, ANDHERI (EAST) 400 059 MUMBAI, INDIA India 91 22 28230102 91 22 28212010 Ratnesh Shrivastava@sunpharma.com
V	DESIGNATIONS	
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.	
VI-1	Priority claim of earlier national application	
VI-1-1	Filing date	21 August 2003 (21.08.2003)
VI-1-2	Number	837/MUM/2003
VI-1-3	Country	IN
VI-2	Priority document request The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	
VII-1	International Searching Authority Chosen	Austrian Patent Office (ISA/AT)

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VIII	Declarations	Number of declarations
VIII-1	Declaration as to the identity of the inventor	3
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	4
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	4
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	1
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-

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VIII-1-1	Declaration: Identity of the Inventor Declaration as to the identity of the inventor (Rules 4.17(i) and 51bis.1(a)(i))	in relation to this international application
	Name (LAST, First) Address:	PATEL, Vijaykumar Muljibhai of AKOTA ROAD, AKOTA 390020 India is the inventor of the subject matter for which protection is sought by way of this international application
	This declaration is made for the purposes of:	all designations

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VIII-1-2	Declaration: Identity of the Inventor Declaration as to the identity of the inventor (Rules 4.17(i) and 51bis.1(a)(i))	in relation to this international application
	Name (LAST, First) Address:	CHITTURI, Trinadha Rao of AKOTA ROAD, AKOTA 390020 India is the inventor of the subject matter for which protection is sought by way of this international application
	This declaration is made for the purposes of:	all designations

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VIII-1-3	Declaration: Identity of the Inventor Declaration as to the identity of the inventor (Rules 4.17(i) and 51bis.1(a)(i))	in relation to this international application
	Name (LAST, First) Address:	THENNATTI, Rajamannar of AKOTA ROAD, AKOTA 390020 India is the inventor of the subject matter for which protection is sought by way of this international application
	This declaration is made for the purposes of:	all designations

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VIII-2-1	Declaration: Entitlement to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate: Name (LAST, First)	in relation to this international application SUN PHARMACEUTICAL INDUSTRIES LIMITED is entitled to apply for and be granted a patent by virtue of the following:
VIII-2-1(i) i)		SUN PHARMACEUTICAL INDUSTRIES LIMITED is entitled as employer of the inventor, PATEL, Vijaykumar Muljibhai
VIII-2-1(i) i)		SUN PHARMACEUTICAL INDUSTRIES LIMITED is entitled as employer of the inventor, CHITTURI, Trinadha Rao
VIII-2-1(i) i)		SUN PHARMACEUTICAL INDUSTRIES LIMITED is entitled as employer of the inventor, THENNATTI, Rajamannar
VIII-2-1(i) x)	This declaration is made for the purposes of:	all designations except the designation of the United States of America

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VIII-2-2	<p>Declaration: Entitlement to apply for and be granted a patent</p> <p>Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate:</p> <p>Name (LAST, First)</p>	<p>in relation to this international application</p> <p>PATEL, Vijaykumar Muljibhai is entitled to apply for and be granted a patent by virtue of the following:</p>
VIII-2-2(i))		PATEL, Vijaykumar Muljibhai of AKOTA ROAD, AKOTA BARODA, INDIA India is the inventor of the subject matter for which protection is sought by way of this international application
VIII-2-2(i) x)	This declaration is made for the purposes of:	all designations

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VIII-2-3	Declaration: Entitlement to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate: Name (LAST, First)	in relation to this international application CHITTURI, Trinadha Rao is entitled to apply for and be granted a patent by virtue of the following:
VIII-2-3(i))		CHITTURI, Trinadha Rao of AKOTA ROAD, AKOTA BARODA, INDIA India is the inventor of the subject matter for which protection is sought by way of this international application
VIII-2-3(i) x)	This declaration is made for the purposes of:	all designations

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VIII-2-4	Declaration: Entitlement to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate: Name (LAST, First)	in relation to this international application THENNATTI, Rajamannar is entitled to apply for and be granted a patent by virtue of the following:
VIII-2-4(i))		THENNATTI, Rajamannar of AKOTA ROAD, AKOTA BARODA, INDIA India is the inventor of the subject matter for which protection is sought by way of this international application
VIII-2-4(i) x)	This declaration is made for the purposes of:	all designations

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VIII-3-1	<p>Declaration: Entitlement to claim priority</p> <p>Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii))</p> <p>Name:</p>	<p>in relation to this international application</p> <p>SUN PHARMACEUTICAL INDUSTRIES LIMITED is entitled to claim priority of earlier application No. 837/MUM/2003 by virtue of the following:</p>
VIII-3-1(i) i)		SUN PHARMACEUTICAL INDUSTRIES LIMITED is entitled as employer of the inventor, PATEL, Vijaykumar Muljibhai
VIII-3-1(i) i)		SUN PHARMACEUTICAL INDUSTRIES LIMITED is entitled as employer of the inventor, CHITTURI, Trinadha Rao
VIII-3-1(i) i)		SUN PHARMACEUTICAL INDUSTRIES LIMITED is entitled as employer of the inventor, THENNATTI, Rajamannar
VIII-3-1(i) x)	This declaration is made for the purposes of:	all designations

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VIII-3-2	<p>Declaration: Entitlement to claim priority</p> <p>Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii))</p> <p>Name:</p>	<p>in relation to this international application</p> <p>PATEL, Vijaykumar Muljibhai is entitled to claim priority of earlier application No. 837/MUM/2003 by virtue of the following:</p>
VIII-3-2(i))		THENNATTI, Rajamannar of AKOTA ROAD, AKOTA BARODA, INDIA India the applicant is the inventor of the subject matter for which protection was sought by way of the earlier application
VIII-3-2(i) x)	This declaration is made for the purposes of:	all designations

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VIII-3-3	<p>Declaration: Entitlement to claim priority</p> <p>Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii))</p> <p>Name:</p>	<p>in relation to this international application</p> <p>CHITTURI, Trinadha Rao is entitled to claim priority of earlier application No. 837/MUM/2003 by virtue of the following:</p>
VIII-3-3(i))		THENNATI, Rajamannar of AKOTA ROAD, AKOTA BARODA, INDIA India the applicant is the inventor of the subject matter for which protection was sought by way of the earlier application
VIII-3-3(i) x)	This declaration is made for the purposes of:	all designations

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VIII-3-4	<p>Declaration: Entitlement to claim priority</p> <p>Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii))</p> <p>Name:</p>	<p>in relation to this international application</p> <p>THENNATTI, Rajamannar is entitled to claim priority of earlier application No. 837/MUM/2003 by virtue of the following:</p>
VIII-3-4(i))		THENNATTI, Rajamannar of AKOTA ROAD, AKOTA BARODA, INDIA India the applicant is the inventor of the subject matter for which protection was sought by way of the earlier application
VIII-3-4(i) x)	This declaration is made for the purposes of:	all designations

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VIII-4-1	<p>Declaration: Inventorship (only for the purposes of the designation of the United States of America) Declaration of Inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America:</p>	<p>I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.</p> <p>This declaration is directed to the international application of which it forms a part (if filing declaration with application).</p> <p>I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.</p> <p>I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications", by application number, country or Member of the World Trade Organization, day, month, and year of filing, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed.</p>
VIII-4-1-1	Prior applications:	837/MUM/2003, IN, 21 August 2003 (21.08.2003)

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		<p>I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.</p> <p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p>
VIII-4-1-1-1	Name (LAST, First)	PATEL, Vijaykumar Muljibhai
VIII-4-1-1-2	Residence: (city and either US State, if applicable, or country)	BARODA, INDIA, India
VIII-4-1-1-3	Mailing address:	SUN PHARMA ADVANCED RESEARCH CENTRE AKOTA ROAD, AKOTA 390020 BARODA, INDIA India
VIII-4-1-1-4	Citizenship:	IN
VIII-4-1-1-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1-1-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	

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VIII-4-1- 2-1	Name (LAST, First)	CHITTURI, Trinadha Rao
VIII-4-1- 2-2	Residence: (city and either US State, if applicable, or country)	BARODA, INDIA, India
VIII-4-1- 2-3	Mailing address:	SUN PHARMA ADVANCED RESEARCH CENTRE AKOTA ROAD, AKOTA 390020 BARODA, INDIA India
VIII-4-1- 2-4	Citizenship:	IN
VIII-4-1- 2-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1- 2-6	Date (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	
VIII-4-1- 3-1	Name (LAST, First)	THEENNATTI, Rajamannar
VIII-4-1- 3-2	Residence: (city and either US State, if applicable, or country)	BARODA, INDIA, India
VIII-4-1- 3-3	Mailing address:	SUN PHARMA ADVANCED RESEARCH CENTRE AKOTA ROAD, AKOTA 390020 BARODA, INDIA India
VIII-4-1- 3-4	Citizenship:	IN
VIII-4-1- 3-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1- 3-6	Date (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	

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IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	20	✓
IX-2	Description	13	-
IX-3	Claims	2	-
IX-4	Abstract	1	✓
IX-5	Drawings	0	-
IX-7	TOTAL	36	
	Accompanying Items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	✓	-
IX-17	PCT-SAFE physical media	-	✓
IX-19	Figure of the drawings which should accompany the abstract		
IX-20	Language of filing of the international application	English	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name:	SUN PHARMACEUTICAL INDUSTRIES LIMITED	
X-1-2	Name of signatory	SHANGHVI Dilip, Shantilal	
X-1-3	Capacity	CHAIRMAN AND MANAGING DIRECTOR	
X-2	Signature of applicant, agent or common representative		
X-2-1	Name (LAST, First)	PATEL, Vijaykumar Muljibhai	
X-2-2	Name of signatory		
X-2-3	Capacity		
X-3	Signature of applicant, agent or common representative		
X-3-1	Name (LAST, First)	CHITTURI, Trinadha Rao	
X-3-2	Name of signatory		
X-3-3	Capacity		
X-4	Signature of applicant, agent or common representative		
X-4-1	Name (LAST, First)	THENNATTI, Rajamannar	
X-4-2	Name of signatory		
X-4-3	Capacity		

Bisph_101

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10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/AT
10-6	Transmittal of search copy delayed until search fee is paid	

FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by the International Bureau	
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PCT (ANNEX - FEE CALCULATION SHEET)

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(This sheet is not part of and does not count as a sheet of the international application)

0	For receiving Office use only			
0-1	International Application No.			
0-2	Date stamp of the receiving Office			
0-4	Form PCT/RO/101 (Annex) PCT Fee Calculation Sheet			
0-4-1	Prepared Using	PCT-SAFE [EASY mode] Version 3.50 (Build 0002.162)		
0-9	Applicant's or agent's file reference	Bisph 101		
2	Applicant	SUN PHARMACEUTICAL INDUSTRIES LIMITED		
12	Calculation of prescribed fees	fee amount/multiplier	Total amounts (INR)	Total amounts (USD)
12-1	Transmittal fee T	⇒		
12-2-1	Search fee S	⇒		182
12-2-2	International search to be carried out by AT			
12-3	International filing fee (first 30 sheets) i1	1134 USD		
12-4	Remaining sheets	6		
12-5	Additional amount (X)	12 USD		
12-6	Total additional amount i2	72 USD		
12-7	i1 + i2 = i	1206 USD		
12-12	EASY Filing reduction R	USD-81		
12-13	Total International filing fee (i-R) I	⇒		1125
12-14	Fee for priority document Number of priority documents requested	1		
12-15	Fee per document (X)	3000 INR		
12-16	Total priority document fee: P	⇒	3000	
12-17	TOTAL FEES PAYABLE (T+S+I+P)	⇒	3000	1307
12-19	Mode of payment	bank draft		